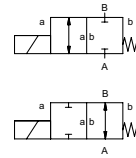


lateral valve

type RSV 50



2/2 way valve direct acting
pressure range PN 0-10 bar
orifice DN 50 mm
connection thread
function valve normally closed symbol **NC**
 valve normally open symbol **NO**



design pressure balanced, with spring return
body materials ① brass
 ③ brass, nickel plated

valve seat synthetic resin on metal
seal materials NBR **FPM**

details needed

- orifice
- port
- function NC/NO
- operating pressure
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

	general specifications	options
ports	RSV threads G 2	
function	NC	NO
pressure range	bar 0-10	
Kv value	m ³ /h 19,0	
vacuum	low vacuum	
pressure-vacuum	P ₁ ↔ P ₂	upon request
back pressure	P ₂ > P ₁	
media	gaseous - liquid	
abrasive media		
damping	opening closing	
flow direction	A ↔ B as marked	
switching cycles	1/min 70	
switching time	ms opening 150 closing 250	
media temperature	°C DC: -10 to +80 AC: -10 to +80	
ambient temperature	°C DC: -10 to +80 AC: -10 to +80	
limit switches		
manual override		
approvals		
mounting	mounting bracket/mounting holes	
weight	kg 8,4	
additional equipment	upon request	

	electrical specifications	options
nominal voltage	U _n 24 V DC	special voltage upon request
	U _n 230 V 40-60 Hz AC	special voltage upon request
actuation	DC direct-current magnet	
	AC direct-current magnet with integrated rectifier	
insulation rating	H 180°C	
protection	IP65	
energized duty rating	ED 100%	
connection	plug acc. DIN EN 175301-803 form A, 4 positions x 90° / wire diameter 6-8 mm	terminal box M16x1,5
optional additional equipment	illuminated plug with varistor	
current consumption	N-coil 24 V DC 2,00 A	
	230 V 40-60 Hz AC 0,27 A	
explosion proof		
limit switches		

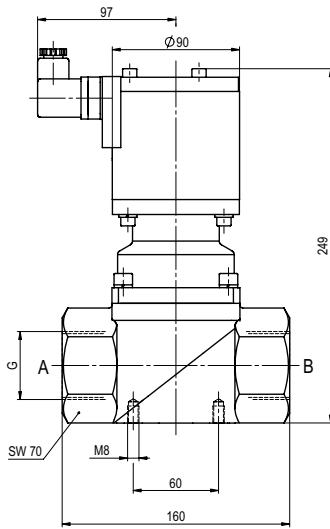
⚠ The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

⚠ If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.

■ specifications not highlighted are standard
 ■ specifications highlighted in grey are optional

type RSV 50

function: **NC**
closed when not energized



type RSV 50

function: **NO**
open when not energized

